









clc 96000437

X Collection

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Barcode Number	Box Number	Total of Volumes	Call Number
LIBRARY OF CONGRESS  0 029 767 314 2	1856	47	S469.B8- S 535.U8MG
LIBRARY OF CONGRESS  0 029 767 315 4	1857	30	S537.O4 no. 1-30 (1930-45)
LIBRARY OF CONGRESS  0 029 767 316 6	1858	22	S544.3.O404- S555.N55
LIBRARY OF CONGRESS  0 029 767 317 8	1859	66	S585.B9 no. 1-66 (1899-Undated)
LIBRARY OF CONGRESS  0 029 767 318 A	1860	10	S623- S 727
LIBRARY OF CONGRESS  0 029 767 319 1	1861A	62	SB7.S2- SB290.R4 no. 62
LIBRARY OF CONGRESS  0 029 767 320 8	1861B	12	SB290.R4-SB295.G5 (1946-49)
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Barcode Number LIBRARY OF CONGRESS	Box Number	Total of Volumes	Call Number
 0 029 767 322 1	1863	47	SD118.B7 no. 1-47 (1935-Undated)
 0 029 767 323 3	1864	22	SD11.A1- SD12.C3.C3
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 0 029 767 325 5	1867	6	SD118.W6- SD 555
 0 029 767 325 7	2017 F167 A	36	SF1.561- SF 808.28
 0 029 767 326 9	1868 1869 1 BOX	2	SH 351.T8- SH 457
 0 029 767 326 9	1869	5	SK367- SK601
LC Control Number  c1c96 000438	1866 ↓	12	T1.E2- T4.N3

LIBRARY OF CONGRESS



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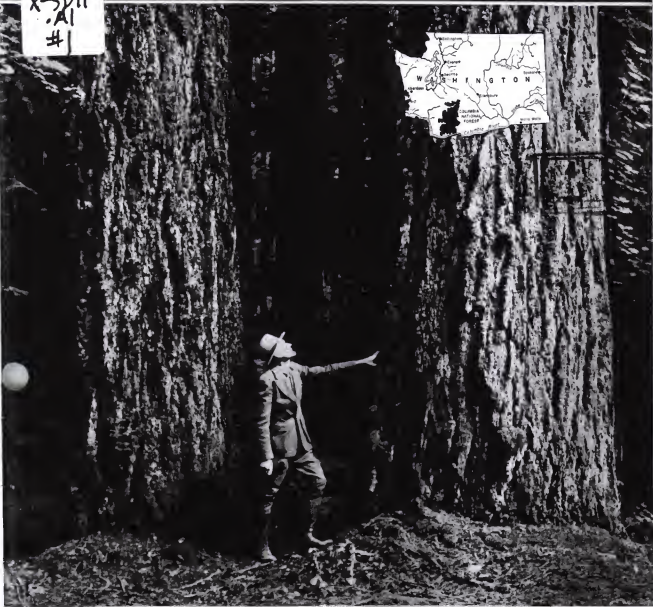
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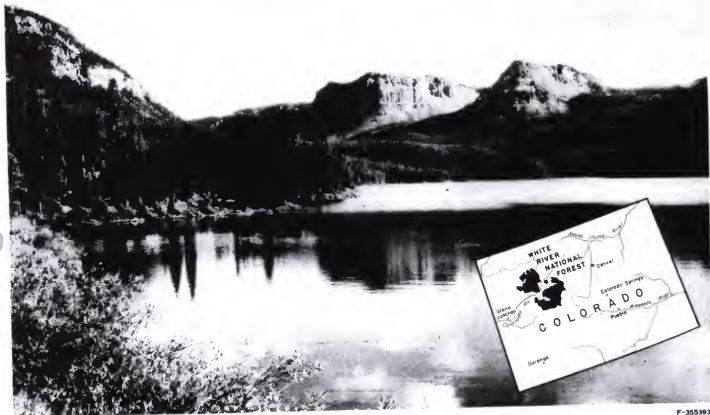
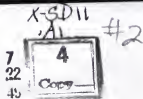
COLUMBIA NATIONAL FOREST

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UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

White River National Forest



F-355383

Crystal waters mirror the wooded shore of Trappers Lake.

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Rocky Mountain Region

GIFFORD PINCHOT

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NATIONAL FOREST



Mount St. Helens across 25 miles of virgin Douglas-fir.

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE Pacific Northwest Region

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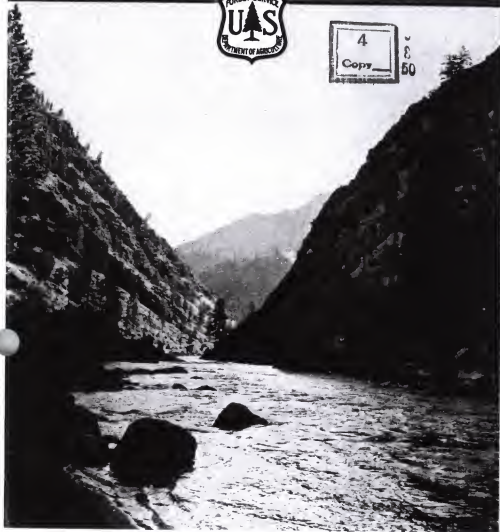
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MAY 1950

SALMON NATIONAL FOREST

IDaho



50



The Salmon, "River of No Return."

F-298446

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FOREST SERVICE • Intermountain Region

4 7 30 X-SD11
A1
CHEROKEE

NATIONAL FOREST



Forest Service

Southern Region

U. S. Department of Agriculture • April 1953

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
FOREST PRODUCTS LABORATORY
MADISON, WISCONSIN
(In Cooperation with the University of Wisconsin)

WOOD IN AIRPLANE CONSTRUCTION

- A. IMPORTANCE OF VARIOUS STRENGTH PROPERTIES
- B. COMPARISON OF STRENGTH PROPERTIES OF VARIOUS SPECIES
- C. COMMENTS ON SPECIES

By
J. A. Hewlin
In Charge Section of Timber Mechanics

NOT FOR PUBLICATION

Approved Copy
Filed 4/18/18.

58

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FOREST SERVICE

FOREST PRODUCTS LABORATORY

MADISON, WISCONSIN

(In Cooperation with the University of Wisconsin)



FIRST PROGRESS REPORT

Project L-225-10

TESTS ON SUBSTITUTES FOR LINEN IN AIRPLANE CONSTRUCTION

By
Armin Elmendorf
Engineer in Forest Products
Willard S. Wilder
W. S. Broome
R. E. Johnston
Assistant Engineers in Forest Products

NOT FOR PUBLICATION

Approved Copy
Filed 10/7/48

X-S 011. A 45
#5

X-SD 11
A 48

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THE IDENTIFICATION OF TRUE MAHOGANY AND CERTAIN
SO-CALLED MAHOGANIES

By
Arthur Koehler
Specialist in Wood Structure

NOT FOR PUBLICATION

November 14, 1918

X-SD 11
#9
A48

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A 48

BUREAU OF FOREST PRODUCTS
WASHINGTON, D. C.

FILE NO. 62

MEMORANDUM ON THE USE OF PLYWOOD FOR WING COVERING

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Filed 4/3/48.

X-SD11. A48
#16

March 21, 1918.

X-SD 11
A 48

LEX 10 Div 4

Memorandum for the Director:

In reference to letters from the Plywood Section, Materials Department, Equipment Division, Office of the Chief Signal Officer, War Department, 119 D Street, NE., Washington, D. C., of February 28 and March 14, and our reply of March ___, 1918:

In connection with the use of plywood for wing covering, the results of some of our tests on veneer panels, though probably not directly applicable, may be of some interest. Our investigations show that it is advisable, in 3-ply construction, to have the core of a veneer panel thicker than the faces, if it is desired to more nearly equalize the strength in all directions. In 3-ply panels the direct tensile strength parallel to and perpendicular to the grain of the outer plies, for instance, is about equal when the core is equal to one-half of the total panel thickness, and consequently twice as thick as each of the face plies. To secure equal bending strength in both of the above directions the core should be about seven-tenths of the total panel thickness. This, of course, relates to panels in which all plies are of the same species. When the core is of a weaker wood than the faces this ratio should be slightly greater.

Our experiments have shown, furthermore, that a high ratio of core to total panel thickness reduces the tendency of the panel to cup or warp when subjected to variable atmospheric conditions.

*X-SD 11. A48
#11*

UNITED STATES DEPARTMENT OF AGRICULTURE
S. FOREST SERVICE
FOREST PRODUCTS LABORATORY
MADISON, WISCONSIN

(In Cooperation with the University of Wisconsin)

FIRST PROGRESS REPORT

Project L-225-10

TESTS ON SUBSTITUTES FOR LINEN IN AIRPLANE CONSTRUCTION

By
Armin Elmendorf
Engineer in Forest Products
Willard S. Wilder
W. S. Broome
R. E. Johnston
Assistant Engineers in Forest Products

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FILE No.

66

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U.S. FOREST SERVICE

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MADISON, WISCONSIN

(In Cooperation with the University of Wisconsin)

Project L-134-5-ND

INSTRUCTIONS FOR FINISHING AIRPLANE PROPELLERS BY
THE ALUMINUM LEAF-SPIRIT VARNISH PROCESS

By
M. E. Dunlap
Architectural Assistant in Forest Products

NOT FOR PUBLICATION

January 4, 1919.

X-SD11.A48
#13

X-SD11
A 48



UNITED STATES DEPARTMENT OF AGRICULTURE

U. S. FOREST SERVICE

FOREST PRODUCTS LABORATORY

MADISON, WISCONSIN

(In Cooperation with the University of Wisconsin)

Project 225-2

Second Report

STRENGTH TESTS ON 15-FOOT AIRPLANE WING RIBS

By
Armin Elmendorf
Engineer in Forest Products

and

R. M. Mirka
Assistant Engineer in Forest Products

NOT FOR PUBLICATION

Approved Copy Filed
May 12, 1919.
S.D.K.

X-SD11.A48
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#15

X-SD 12

C3
C3

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FOREST PRACTICE RULES FOR
NORTH SIERRA PINE
FOREST DISTRICT



Prepared and Approved
by
Private Timberland Owners of California

Pursuant to the Provisions of the Forest Practice Act
Chapter 85, Statutes of 1945

CALIFORNIA FOREST DISTRICTS



IV North Sierra Pine

Given the Force of Law February 4, 1947, by Action of

CALIFORNIA STATE BOARD OF FORESTRY

Filed With Secretary of State, September 4, 1947

Compiled by

State Division of Forestry
California Department of Natural Resources

Figure 1

CALIFORNIA
DIVISION OF FORESTRY

***FIRE CONTROL
ADMINISTRATION***

NORTH COAST
DISTRICT

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY



X-SD 12
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27
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SUGGESTIONS FOR
IMPROVING WILDLIFE HABITAT
ON CALIFORNIA BRUSH RANGES

By L.T. Burcham Forest Technician



Resources

X-SP 12
C3 C3

#20



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THE LITTLE HILLSIDE



U.S. FOREST SERVICE
CALIFORNIA REGION
in cooperation with
CALIFORNIA DEPT. OF NATURAL RESOURCES

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EROSION

CONTROL



FOREST

PRODUCTS



TREE PLANTING

for

CALIFORNIA FORESTS and FARMS

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

K-SPB
C10
#22

SCOURGE OF SUGAR PINES

CALIFORNIA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

In cooperation with

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE